

**Industrial Ethernet
IE-PS-M12X-P-FH**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



M12 X type cat. 6A plug can be assembled on-site with quick connection system

General ordering data

Type	IE-PS-M12X-P-FH
Order No.	1324020000
Version	Plugs prefabricated to customer spec., M12, Insulation displacement technology, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), IP67
GTIN (EAN)	4050118127782
Qty.	10 pc(s).

Creation date May 3, 2020 2:01:05 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight	33.95 g
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Temperatures

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...85 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General Info

Connection 1	M12	Connection 2	Insulation displacement technology
Wiring	EIA/TIA T568 A, EIA/TIA T568 B	Number of poles	8
Housing main material	Zinc diecast	Insulation cross-section, max.	1.6 mm
Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	Connection thread	M12
Contact material	Brass	Contact surface	Gold-plated
Connection diameter, solid	0.41...0.64 mm	Conductor connection cross-section, solid (AWG)	AWG 26/1...AWG 22/1
Connection diameter, flexible	0.48...0.76 mm	Conductor connection cross-section, flexible (AWG)	AWG 26/7...AWG 22/7
Sheath diameter, min.	5 mm	Sheath diameter, max.	9.7 mm
Contact holder materials	PA	Type of mounting	Screw mounting
Shielding	360° all-round enclosure	Protection degree	IP67
Plugging cycles	≥ 100		

Electrical properties

Current-carrying capacity at 50 °C	0.5 A @ 40 °C	Insulation strength	100 MΩ
PoE / PoE+	conforming to IEEE 802.3at	Rated voltage	48 V

General standards

Certificate no. (cULus)	E316369	Connector standard	IEC 61076-2-109
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Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
eClass 9.0	27-44-01-02	eClass 9.1	27-44-01-03
eClass 10.0	27-44-01-02		

Approvals

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ROHS	Conform
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Data sheet**Industrial Ethernet
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	DUXR.E316369 CC Link IE Field M12-X
Brochure/Catalogue	CAT 9 IETH 18/19 EN CAT 8 SAI 15/16 EN MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN
Engineering Data	STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual

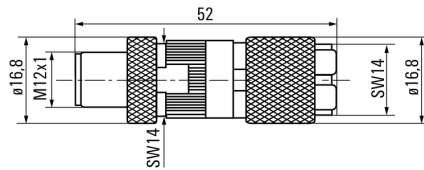
Data sheet

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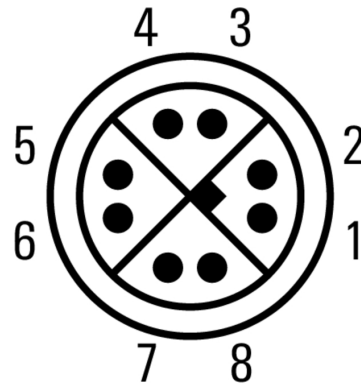
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Drawings

Dimensioned drawing



Pinning



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Accessories

Tool



Tools for stripping the sheathing from uncut power lines and outlet lines, plus screwdrivers for installing Pick-to-Light components.

General ordering data

Type	SCREWTY SET -DM	Version
Order No.	1920000000	Tools, Bolting tool
GTIN (EAN)	4032248436859	
Qty.	1 pc(s).	

Screwty® cable gland tool



The ideal tool for any application

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET	Version
Order No.	1910000000	Tools, Bolting tool
GTIN (EAN)	4032248436842	
Qty.	1 pc(s).	
Type	SCREWTY- M12 F	Version
Order No.	1900020000	Tools, Cable gland tool for M12 connectors
GTIN (EAN)	4032248375851	
Qty.	1 pc(s).	

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Screwty® cable gland tool with torque function



The ideal tool for any application

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General ordering data

Type	SCREWTY-M12 F-DM	Version	
Order No.	1900021000	Tools, Cable gland tool for M12 connectors	
GTIN (EAN)	4032248436828		
Qty.	1 pc(s).		